

LIMITED SOURCE JUSTIFICATION FOR FSS ORDER (\$3,000 to SAT)
RFQ N00189-16-T-Q062 (was Q048)

The service or material listed in the below table is a limited source action to be awarded as a new Federal Supply Schedule order. The service or material listed on N6313416RC018AD and N6313416RC041AD is sole source and competition is precluded for reasons indicated below. There are no substitutes available for this material or service. The placement of a firm, fixed price is anticipated.

1. **Limited to the following source(s).** IBM Corp. is the manufacturer. (if a sole source manufacturer distributes via dealers, *ALSO* provide dealer information.)

Manufacturer: IBM, Corp.

ESI DoD BPA resellers are shown below:

Four Inc

Immix Group

Provista, Inc.

Softchoice Corp.

2. **Identification of the justification rationale.** This acquisition is conducted under the authority of the Multiple Award Schedule Program (Title 41 U.S.C. 152 (3) and Title 40 U.S.C. 501, Services for Executive Agencies). Authority to limit sources to less than those required by FAR 8.405-1 and 8.405-2 is found at FAR 8.405-6. The justification for limiting sources is *the item is peculiar to one manufacturer*. (A brand name item, available on various schedule contracts, is an item peculiar to one manufacturer).

Navy and Marine Corps policy requires all software applications to be registered in DADMS and approved by the appropriate FAM (see NAVADMIN 124/05 and MARADMIN 226/04). No software application is authorized to operate on DON networks unless it is registered in DADMS and designated "Approved" or "AWR" by the appropriate FAM. The associated hardware and software supported by this requirement is DADMS registered and approved. All components are registered with FLENUMMETOCCEN in the DON Application and Database Management System (DADMS) and METOC Application Architecture Database (MAAD), installed and operational.

FLENUMMETOCCEN's supercomputer suite reflects an investment of tens of million dollars. The brand name Storage System Software being supported is proprietary to the manufacturer. FLENUMMETOCCEN personnel are trained and have developed specialized expertise working with General Parallel File System and Tivoli Server software currently integrated in its HPC environment. FLENUMMETOCCEN has made a substantial investment of both equipment and training to achieve the current state of operational capability and functionality. This procurement will provide new licenses in support of a scheduled hardware refresh of the existing computing infrastructure. The cited brand name software and support is essential to the Government's requirements, thereby precluding consideration of a product manufactured by another company.

3. Description of the item or service required, statement that the requested material

or service represents the minimum requirements of the government, the estimated cost, and required delivery date or performance period.

FLENUMMETOCCEN's supercomputers (nodes, switches, disks, associated components, software, etc.) are at the heart of its mission-critical operational capability. Substantial technical research and system testing has been conducted before selection of the installed software. Command personnel are trained and have developed specialized expertise working with General Parallel File System and Tivoli Server, which are currently integrated within all aspects of the HPC environment. FLENUMMETOCCEN has made a substantial investment of both software and personnel training to achieve the current state of operational capability and functionality.

4. Specific characteristics of the material or service that limit the availability to this/these source(s) (unique features, function of the item, etc.). Describe in detail why only this/these suggested source(s) can furnish the requirements to the exclusion of other sources. Provide a description of the market research conducted among schedule holders and the results OR a statement of the reason market research was not conducted.

Installing other than General Parallel File System and Tivoli Server software will invalidate the cyber security (IA) baseline of the Classified HPC system at FLENUMMETOCCEN and make the current validated system inoperable. The proposed requirement is to acquire General Parallel File System and Tivoli Server brand software licenses and support. FLENUMMETOCCEN has determined that the General Parallel File System and Tivoli Server brand software best meets the minimum technical requirements of the Government and is essential to the Government's requirements. SECNAVINST 5230.15 requires that all Commercial Off-the-Shelf (COTS) software in use across the Department shall be vendor supported. The required software is peculiar to one manufacturer, General Parallel File System and Tivoli Server, and is available from multiple schedule holders under the DOD ESI program. General Parallel File System and Tivoli Server is the Storage system software on FLENUMMETOCCEN's operational computing systems. It is the linchpin of mission-critical computer operations. Market research indicates that other companies' products do not meet, or cannot be modified to meet, the agency's requirements.

5. Other information to support a limited source buy:

The cost to re-accredit all of the hardware and software currently running on the current Information Architecture hardware is greater than the cost of these Licenses. Other alternative solutions would require re-accreditation and evaluation of the entirety of FLENUMMETOCCEN's supercomputer systems.